Index of Claims

| Application/Control No. | App | olica | tion/ | 'Cont | rol | No. |
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|-------------------------|-----|-------|-------|-------|-----|-----|

David H. Malzahn

Applicant(s)/Patent under Reexamination

10/613,912

CHATTERJEE, CHANCHAL Art Unit

Examiner

2193

Rejected Allowed

(Through numeral) Cancelled Restricted

Non-Elected N 1 Interference

Appeal 0 Objected

| Cla         | aim      |          |                 | Di               | ate    |          |                   |        | Cla      | im       |                 |          |        | Date                      |          |          |          | Cl    | aim          |          |                |          | D              | ate      |          |          |          |           |
|-------------|----------|----------|-----------------|------------------|--------|----------|-------------------|--------|----------|----------|-----------------|----------|--------|---------------------------|----------|----------|----------|-------|--------------|----------|----------------|----------|----------------|----------|----------|----------|----------|-----------|
|             | -        | 5        |                 |                  |        |          |                   |        |          |          | T               |          |        |                           | T        |          |          |       | <del>ल</del> |          | T              | T        | Т              |          |          |          |          |           |
| ल           | ≟        | 2/0      |                 |                  |        |          |                   |        | Final    | <u> </u> |                 |          |        |                           |          |          |          | Final | ij           |          |                |          |                | - 1      |          |          |          | ļ         |
| Final       | Original | 11/22/05 |                 |                  |        |          |                   |        | 造        | Original |                 |          | 1      |                           |          |          |          | 置     | Original     |          |                |          |                | - 1      |          |          |          |           |
|             | ٥        | -        |                 |                  |        |          |                   |        |          | ۱        |                 |          |        |                           |          |          |          |       | U            |          |                |          |                | _        |          |          |          |           |
|             | 1        | R        |                 |                  |        |          | $\Box$            |        |          | 51       | _               |          |        | П                         |          |          |          |       | 101          |          | $\neg$         | 丁        |                |          |          | $\neg$   | $\neg$   |           |
|             | 2        | R        |                 |                  |        |          |                   |        |          | 52       |                 | _        | $\top$ | П                         | $\neg$   |          |          |       | 102          |          | $\neg$         | T        |                |          |          |          | П        |           |
|             | 3        | R        |                 | $\vdash$         |        |          | $\top$            |        |          | 53       | T               |          |        |                           | $\neg$   |          |          |       | 103          |          | $\neg$         |          |                |          |          | $\neg$   |          |           |
|             | 4        | R        |                 |                  |        |          | $\Box$            |        |          | 54       | $\neg$          |          | $\top$ | $\Box$                    | $\neg$   |          |          |       | 104          |          |                | 丁        | T              | T        |          | 丁        |          |           |
|             | 5        | R        |                 |                  |        |          |                   |        |          | 55       | $\neg \uparrow$ |          |        | $\sqcap$                  | $\neg$   |          |          |       | 105          |          |                | T        |                | 7        | T        | T        |          |           |
|             | 6        | R        |                 |                  |        |          |                   |        |          | 56       |                 |          |        | $\top$                    |          |          |          |       | 106          |          |                | T        |                |          |          | 7        |          |           |
|             | 7        | R        |                 |                  |        |          |                   |        |          | 57       | T               |          |        | П                         |          | Î        |          |       | 107          |          |                | T        |                | T        |          | 丁        |          |           |
|             | 8        | R        |                 |                  |        |          |                   |        |          | 58       |                 |          | 1      | 1                         | $\neg$   |          |          |       | 108          |          |                | $\neg$   | Ī              | Ī        | Ī        | T        |          |           |
|             | 9        | R        |                 |                  |        |          |                   |        |          | 59       |                 |          | $\top$ | П                         | $\neg$   |          |          |       | 109          |          | $\neg$         | $\neg$   |                | T        |          | $\neg$   |          |           |
|             | 10       | R        |                 |                  |        |          |                   |        |          | 60       |                 | $\top$   | $\top$ |                           |          |          |          |       | 110          |          |                | $\Box$   |                | T        | T        | $\neg$   |          |           |
|             | 11       | R        |                 |                  |        |          | $\Box$            |        |          | 61       |                 |          | _      | $\sqcap$                  | $\neg$   |          |          |       | 111          |          | ヿ              |          |                |          |          | $\neg$   |          |           |
|             | 12       | R        |                 | TT               | $\top$ |          | 1                 |        |          | 62       | $\neg$          | $\top$   | 1      | 1                         | $\neg$   |          |          |       | 112          | $\Box$   | 一              | 丁        | 寸              | 寸        |          | $\dashv$ | $\dashv$ | $\neg$    |
| <del></del> | 13       | R        |                 | $\sqcap$         | 1      | $\Box$   |                   |        |          | 63       |                 | $\top$   | $\top$ | $\sqcap$                  | $\dashv$ | $\neg$   | $\top$   |       | 113          | $\sqcap$ | $\dashv$       | $\dashv$ | $\neg$         | 寸        |          | 一        | $\dashv$ | $\exists$ |
|             | 14       | R        |                 |                  |        |          | $\Box$            |        |          | 64       |                 | $\neg$   | _      | T                         | $\neg$   |          |          |       | 114          |          | $\neg$         | $\neg$   | $\neg$         |          |          |          |          |           |
|             | 15       | R        |                 |                  |        | $\Box$   | $\top$            |        | $\Box$   | 65       |                 | $\neg$   | 1      | 11                        | 1        | $\neg$   |          |       | 115          |          | $\dashv$       | 十        | $\neg$         | 寸        | $\neg$   |          | 7        |           |
|             | 16       | R        |                 |                  |        |          | $\sqcap$          |        |          | 66       |                 |          | 1      | $\top$                    |          |          |          |       | 116          | $\Box$   | $\neg$         | 丁        |                |          |          | $\neg$   | $\neg$   | $\neg$    |
|             | 17       | R        |                 | $\sqcap$         |        |          | $\top$            |        |          | 67       |                 | $\top$   | $\top$ | 1                         | 1        | $\neg$   |          |       | 117          |          | $\dashv$       | 寸        | 寸              | 寸        | 寸        | 寸        |          |           |
|             | 18       | R        |                 | $\Box$           | _      |          | $\top$            |        |          | 68       |                 | $\top$   |        | 1                         | 一        | _        | 1        |       | 118          |          | 一              | 1        | 1              | 寸        | T        | 寸        |          |           |
|             | 19       | R        |                 |                  |        |          | 11                |        |          | 69       | $\neg$          | 十        | _      | 1-1                       | $\neg$   |          | 1        |       | 119          |          | $\neg$         | 1        | T              | ヿ        | T        | 7        |          |           |
|             | 20       | R        |                 |                  |        |          | $\Box$            |        |          | 70       |                 | _        | 十      | $\Box$                    | _        | _        | <b>—</b> |       | 120          | $\Box$   | $\neg$         | T        | T              | $\dashv$ |          | 寸        | ヿ        |           |
|             | 21       | R        |                 |                  |        |          | $\Box$            |        |          | 71       | 一               | T        | $\top$ | 1                         | _        |          | 1        |       | 121          | $\neg$   | $\neg$         | ╗        | T              | $\neg$   |          | 7        | $\neg$   |           |
|             | 22       | R        |                 |                  | _      |          |                   |        |          | 72       |                 | $\top$   | $\top$ | П                         | 一        | $\top$   | $\top$   |       | 122          |          | 一              | 十        | _              | _        | 一        | 一        | 一        |           |
|             | 23       | R        |                 | $\Box$           | $\neg$ |          | П                 |        |          | 73       | 一               | 十        | 十      | 1                         | $\neg$   |          | 1        |       | 123          | П        | 7              | T        | ヿ              | ╗        | T        | 寸        | $\neg$   |           |
|             | 24       | R        |                 |                  |        |          | $\Box$            |        |          | 74       | T               | 十        | 十      | $\top$                    | $\neg$   | _        | 1        |       | 124          | $\neg$   | $\neg$         | _        | T              | 寸        | 寸        |          | 寸        |           |
|             | 25       | R        |                 |                  | _      |          | 17                |        |          | 75       |                 | _        | +      | 11                        | $\neg$   |          |          |       | 125          |          |                | _        |                | $\dashv$ | 1        |          |          | $\neg$    |
|             | 26       |          |                 |                  |        |          | +                 |        |          | 76       |                 | $\top$   | +-     | $\Box$                    | $\neg$   |          | 1        |       | 126          |          | $\neg$         | 十        | 寸              | $\neg$   |          | 十        |          | $\neg$    |
|             | 27       |          |                 |                  | 1      |          | $\Box$            |        |          | 77       |                 |          | +      | 1                         | $\neg$   | $\top$   | 1        |       | 127          |          | $\dashv$       |          |                | $\neg$   | T        | 十        | $\dashv$ | $\neg$    |
| -           | 28       |          |                 |                  | 1      |          | $\Box$            |        |          | 78       | 1               | $\neg$   | +      | $\Box$                    | $\neg$   |          | +        |       | 128          | $\dashv$ | ٦.             | $\neg$   | _              | 7        |          | _        | _        |           |
|             | 29       |          |                 |                  |        |          | $\top$            |        |          | 79       | 一               | _        | 十      | $\Box$                    | 7        | +        | +        |       | 129          | $\vdash$ | 十              | 7        | $\neg$         | _        |          |          | _        |           |
|             | 30       |          | -               |                  |        | <b>i</b> | $\top \top$       |        |          | 80       |                 |          | +      | $\Box$                    | $\dashv$ | $\dashv$ | +-       |       | 130          |          | _              | $\dashv$ | $\neg$         | 寸        | $\neg$   | 十        | $\neg$   | _         |
|             | 31       |          |                 |                  | _      |          | $\top$            |        |          | 81       | $\neg$          | $\top$   | 1      | $\Box$                    | $\neg$   | _        | $\top$   |       | 131          |          | 寸              | $\neg$   | 1              | T        |          | 寸        | ┪        |           |
| <b></b>     | 32       |          |                 |                  | $\top$ |          | $\Box$            |        |          | 82       |                 |          | $\top$ | 11                        | 1        | $\neg$   | $\top$   |       | 132          |          | _              | T        | T              | T        | T        | _        | T        |           |
|             | 33       |          |                 |                  | $\top$ |          | $\Box$            |        |          | 83       | $\neg$          |          | $\top$ | $\Box$                    | 一        |          | $\top$   | -     | 133          |          | ╅              | 7        |                |          |          | _        | $\dashv$ | _         |
| <b></b>     | 34       |          | $\dashv \vdash$ | $\Box$           | $\top$ |          | 1-1               |        |          | 84       | $\neg$          | _        | $\top$ | $\dagger$                 | $\dashv$ | $\neg$   | $\top$   |       | 134          | $\sqcap$ | $\dashv$       | 寸        | 寸              | $\dashv$ | _        | $\neg$   | 7        |           |
|             | 35       | Т        |                 | $\Box \dagger$   | $\top$ |          | +                 |        |          | 85       | _               | $\top$   | 1      | 11                        | $\neg$   | $\neg$   | 1        |       | 135          |          | 7              | $\neg$   |                |          |          | _        |          |           |
|             | 36       |          | $\neg$          | $\Box$           | $\top$ |          | $\dagger \exists$ |        |          | 86       | $\neg \uparrow$ | $\top$   | $\top$ | $\sqcap$                  | $\dashv$ | $\neg$   | $\top$   |       | 136          | $\vdash$ | $\dashv$       | $\dashv$ | $\neg$         | 7        | 寸        | $\dashv$ | $\dashv$ | _         |
|             | 37       | $\vdash$ |                 |                  |        |          | $\top$            |        | $\vdash$ | 87       | $\neg$          |          | +      | $\Box$                    | $\dashv$ |          | 1        |       | 137          |          | _              | $\neg$   |                | 寸        | T        | 十        | $\neg$   |           |
|             | 38       | $\vdash$ | $\dashv$        | $\Box$           | $\top$ |          | $\dagger \exists$ |        |          | 88       | $\dashv$        | $\top$   | $\top$ | 1                         | $\dashv$ | $\dashv$ | $\top$   |       | 138          |          | _              | +        | $\dashv$       | $\dashv$ |          | $\dashv$ |          | _         |
|             | 39       |          | $\neg \vdash$   |                  |        | $\vdash$ | $\dagger \exists$ |        |          | 89       | $\dashv$        | $\dashv$ | 1      | $\dagger \exists \dagger$ | $\dashv$ | $\neg$   | $\top$   |       | 139          | -        | $\dashv$       | $\dashv$ | $\neg$         | $\neg$   | _        | _        | 7        |           |
|             | 40       | $\vdash$ |                 | $\vdash$         | $\top$ |          | $\top$            |        |          | 90       | $\dashv$        | $\dashv$ | $\top$ | $\sqcap$                  | $\dashv$ |          | $\top$   |       | 140          | $\Box$   | $\dashv$       | $\top$   | $\neg$         | _        | _        | $\dashv$ | 7        | T         |
|             | 41       |          | $\neg$          | $\vdash$         |        | $\vdash$ | $\top$            |        |          | 91       | _               | $\dashv$ | $\top$ | $\dagger$                 | $\dashv$ | _        | $\top$   |       | 141          | $\vdash$ | +              | 十        | $\dashv$       | 寸        | $\neg$   | 7        |          | $\neg$    |
| · ·         | 42       |          |                 |                  | +      | $\Box$   | $\sqcap$          |        |          | 92       | $\dashv$        | T        | 1      | 1 1                       | $\dashv$ | 1        | $\top$   |       | 142          |          | $\neg$         | $\dashv$ | $\neg \dagger$ |          |          | $\neg$   | 7        | $\neg$    |
|             | 43       |          |                 |                  |        |          | 1                 |        |          | 93       | $\neg$          |          | $\top$ | $\top$                    | 一        | 1        | $\top$   |       | 143          | $\neg$   | 寸              | 寸        | 寸              | 寸        | 寸        | 寸        | 寸        |           |
|             | 44       | М        |                 |                  | 1      | $\vdash$ | $\sqcap$          |        |          | 94       | +               |          | 1      | 1-1                       |          | $\neg$   | $\top$   |       | 144          | $\dashv$ | $\dashv$       | 十        | $\dashv$       | 寸        | 7        | _        | 7        | _         |
|             | 45       | П        | $\neg \vdash$   | $\vdash$         | $\top$ |          | $\dagger \exists$ |        |          | 95       |                 | +        | $\top$ | 11                        | _        | _        | $\top$   |       | 145          |          | $\top$         | 十        | $\dashv$       |          |          | $\neg$   | 寸        | _         |
|             | 46       | П        | $\top$          | $\sqcap$         | $\top$ | $\vdash$ | $\top$            |        |          | 96       | _               |          | $\top$ | 1 1                       | $\neg$   | $\top$   |          |       | 146          | $\neg$   | $\top$         | 十        | 寸              | T        | T        | 寸        | 寸        | _         |
|             | 47       | М        |                 | -                | $\top$ |          | $\sqcap$          |        |          | 97       | 一               | +        | $\top$ | 1 1                       | $\dashv$ | 1        | $\top$   |       | 147          | $\Box$   | 十              | $\dashv$ | $\dashv$       |          |          | $\dashv$ |          | _         |
|             | 48       | П        | $\dashv$        |                  | $\top$ | $\vdash$ | $\sqcap$          |        | $\vdash$ | 98       | 十               | 十        | T      | 1                         | $\dashv$ | $\neg$   |          |       | 148          | $\neg$   | $\neg$         | $\dashv$ | $\dashv$       | 寸        |          | 十        | $\dashv$ | _         |
| <b>-</b>    | 49       | Н        | $\dashv$        | <del>     </del> | $\top$ | -        | +                 |        | $\vdash$ | 99       | 十               | +        | +      | 11                        | 十        | $\top$   | +        |       | 149          | $\dashv$ | $\dashv$       | $\dashv$ | $\dashv$       | 寸        | -        | 十        | 7        | $\neg$    |
| $\vdash$    | 50       | $\vdash$ | -               | <del>     </del> | -      |          | +                 |        |          | 100      | $\dashv$        | +        | +      | 1 1                       | $\dashv$ | $\top$   | +        |       | 150          | $\dashv$ | $\neg \dagger$ | +        | $\dashv$       | 十        | $\dashv$ | $\dashv$ | _        |           |
| Щ.          | 1 20     | <u> </u> | i               | $\perp \perp$    |        | ᆫᆜ       |                   | :::::[ |          | 100      |                 |          | _L_    | 1                         |          | L_       | ш.       |       | 100          | Ц.       | 1_             |          |                | _        |          |          |          |           |